



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

ERIC J. BECKMAN et al.

Serial No.: 10/656,706

Filed: September 5, 2003

Art Unit: 1621

Examiner: Shailendra Kumar


Attorney Docket No.: 02-003

N-VINYLFORMAMIDE DERIVATIVES,
POLYMERS FORMED THEREFROM AND
SYNTHESIS THEREOF

Pittsburgh, Pennsylvania 15219
May 2, 2006

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Henry E. Bartony, Jr., Registration No 34, 772	
May 2, 2006	
Dated	

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INFORMATION DISCLOSURE STATEMENT

In compliance with Applicant's duty of disclosure under 37 C.F.R. § 1.56, Applicants submit the attached forms PTO/SB/08A and PTO/SB/08B listing publications for consideration by the Examiner. Kindly, make these publications of record in the file of the application.

STATEMENT OF RELEVANCY

The relevance of the publications listed on attached forms PTO/SB/08A and PTO/SB/08B is apparent from their disclosure.

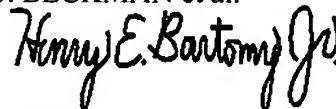
The Examiner is respectfully requested to initial a copy of the attached forms PTO/SB/08A and PTO/SB/08B to show consideration of the publications, and to return the initialed forms to the undersigned Attorney for Applicants.

Applicants note that although the cited references may be relevant to the examination of the above-referenced application, the filing of this Statement is not an admission that the information cited in the statement is, or is considered to be, prior art or material to patentability as defined in § 1.56(b).

Applicants believe that no fee is required in connection with this Information Disclosure Statement. However, the United States Patent and Trademark Office is hereby authorized to charge any such fee to Deposit Account No. 02-1065. A duplicate copy of this Information Disclosure Statement is transmitted herewith.

Respectfully submitted,

ERIC J. BECKMAN et al.



By

Date: May 2, 2006

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	10/656,706
Filing Date	September 5, 2003
First Named Inventor	ERIC J. BECKMAN
Art Unit	1621
Examiner Name	Shailendra Kumar
Attorney Docket Number	02-003

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US- 4,444,667	04-24-1984	BURKERT	
	A2	US- 5,262,008	03-14-1990	MOENCH	
	A3	US- 5,463,110	05-20-1994	CHEN	
	A4	US- 6,156,896	07-03-1996	CURRAN	
	A5	US- 5,859,247	06-28-1996	CURRAN	
	A6	US- 5,777,121	06-28-1996	CURRAN	
	A7	US- 6,749,756	02-18-2000	CURRAN	
	A8	US- 6,825,043	05-05-2000	CURRAN	
	A9	US- 6,861,544	06-22-2000	CURRAN	
	A10	US- 6,727,390	04-05-2001	CURRAN	
	A11	US- 6,734,318	06-08-2001	CURRAN	
	A12	US- 6,897,331	03-08-2002	CURRAN	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
	B1	EP 0 763 522	03-19-1997	AIR PRODUCTS AND CHEMICALS, INC.		
	B2	EP 0 816 351	01-07-1998	AIR PRODUCTS AND CHEMICALS, INC.		
	B3	WO 2004/02252 **	03-04-2004	UNIVERSITY OF PITTSBURGH	**INTERNATIONAL SEARCH REPORT, WRITTEN OPINION AND	
		**CORRESPONDING TO PCT/US03/27732, CORRESPONDING TO PRESENT US PATENT APPLICATION			**INTERNATIONAL PRELIMINARY EXAMINATION REPORT	
	B4	NL 6526959	06-29-1966	FARBWERKE HOECHST AG	ABSTRACT	
	B5	NL 6526956	1964	HOECHST AG	ABSTRACT	

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/656,706
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		First Named Inventor	ERIC J. BECKMAN
		Art Unit	1621
Examiner Name	Shailendra Kumar		
Attorney Docket Number	02-003		
Sheet	2	of	4

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	PINSCHMIDT, R. K., JR. et al.; "New N-Vinylformamide Derivatives as reactive Monomers and Polymers"; Chemical Abstract Service, Columbus, Ohio, 2000, 119-131.	
	C2	ISHIBASHI, HIROYUKI et. al.; "6-Endo-Trig and 5-Exo-Trig Selective Aryl Radical Cyclizations of N-(o-Bromobenzyl) Enamides"; Chemical Abstract Service, Columbus, Ohio, 2000; 16; 1527-1528.	
	C3	MEUZELAAR, GERRIT J. et. al.; "Synthesis of Gama-Unsaturated Enamides by N-Acylation of Imines Derived from Gamma-Unsaturated Amines" Chemical Abstracts Service, Columbus, Ohio, US; 1997; 6; 1159-1163.	
	C4	BADESSO, R.J. et. al.; "Synthesis of Amine Functional Homopolymers with N-Ethenylformamide"; Glass, E.; Ed.; America Chemical Society, 1995, 489-504	
	C5	PINSCHMIDT, Jr. R.K. et.al.; "Amine Functional Polymers Based on N-Ethenylformamide"; Progress in Organic. Coatings, 1996, 27, 209-218	
	C6	PINSCHMIDT, Jr. R.K. et.al.; "N-Vinylformamide Derivatives and Their Use in Radiation Cure Coatings" Polym. Preprint. 1998, 39, 639-642	
	C7	KURTZ, P. et.al.; "Enamide"; Liebigs Ann. Chem., 1972, 764, 69-93.	
	C8	SHEEHAN, J. C. and YANG, D.-D. H.; " The Use of N-Formylamino Acids in Peptide Synthesis"; Journal Am. Chem. Soc. 1958, 80, 1154-1158	
	C9	PINSCHMIDT, Jr. R.K. et.al.; " N-Vinylformamide-Building Block for Novel Polymer Structures"; J.Macromol Sci.Pure Appl. Chem., 1997, A34(10), 1885-1905.	
	C10	MOHAMADI, F. et.al.; "MacroModel - An Integrated Software System for Modeling Organic and Bioorganic Molecules Using Molecular Mechanics"; Comput. Chem. 1990, 11, 440-467	

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		Examiner Name	Shailendra Kumar		
Sheet	3	of	4	Attorney Docket Number	02-003

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	C11	BOURN, A. J. R. et.al.; "Cis-Trans Isomerism in N-Methyl and N-Ethylformanilide"; Tetrahedron, 1966, 22, 1825-1829.	
	C12	ELIEL, E. L. et. al.; "Stereochemistry of Organic Compounds", Wiley, New York, 1994, 696-697	
	C13	GU, L. et.al.; "Kinetics and Modeling of Free Radical Polymerization of N-Vinylformamide"; Polymer 2001, 42, 3077-3086.	
	C14	GU, L. et.al.; "The Nature of Crosslinking in N-Vinylformamide Free-Radical Polymerization"; Macromol. Rapid Commun. 2001, 22, 212-214.	
	C15	CHUJO, Y. et.al.; "Molecular Design of Interfacially Active Graft Copolymers by Macromonomer Method"; Polym. J. 1985, 17, No. 1, 133-141.	
	C16	LUCAS, E. F. et.al.; "Surface Properties of Graft Copolymers Surfactants: Behavior at the Water/Toluene Interface"; J. Appl. Polym. Sci. 1992, 46, 733-737.	
	C17	BUSZELLO, K. et.al.; "Pharmaceutical Emulsions and Suspensions"; Nielloud, F. and Marti-Mestres, G., Eds., Marcel Dekker, Inc., New York, 2000, Ch. 5, 195-197	
	C18	LIU, F. et.al.; "Amphipathic Polyethylene Glycol Stabilized Emulsions (o/w): Physical Characterization and in vivo Distribution", International Journal of Pharmaceutics, 1995, 125, 73-80.	
	C19	QIU, Y. et.al.; "Novel Nonionic Oligosaccharide Surfactant Polymers Derived From Poly (vinylamine) With Pendant Dextran and Hexanoyl Groups"; Macromolecules 1998, 31, 165-171.	
	C20	MEUZELAAR, GERRIT J. et.al.; Abstract. Beilstein Institut Zur Foerderung der Chemischen Wissenschaften, Frankfurt am Main, Ge, Vol. 6, 1997, pages 1159-1164	

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	C21	KURTZ, P. et.al.; Abstract. Beilstein Institut Zur Foerderung der Chemischen Wissenschaften, Frankfurt am Main, Ge, Vol. 764, 1972, pages 69-93	
	C22	EBERSON, LENNART et.al.; Abstract. Beilstein Institut Zur Foerderung der Chemischen Wissenschaften, Frankfurt am Main, Ge, Vol. 38, nO. 5, 1984, pages 345-350	
	C23	ISHIBASHI, HIROYUKI et.al.; Abstract. Beilstein Institut Zur Foerderung der Chemischen Wissenschaften, Frankfurt am Main, Ge, Vol. 16, 2000, pages 1527-1528	
	C24	TROFIMOU, B.A. et.al.; Abstract. Beilstein Institut Zur Foerderung der Chemischen Wissenschaften, Frankfurt am Main, Ge, 1981, pages 1405-1409	
	C25	KLEINER H. J. et.al.; Abstract. Beilstein Institut Zur Foerderung der Chemischen Wissenschaften, Frankfurt am Main, Ge, 1974, pages 751-764	
	C26	ISHIBASHI, HIROYUKI et. al.; "6-Endo-Trig and 5-Exo-Trig Selective Aryl Radical Cyclizations of N-(o-Bromobenzyl) Enamides"; Chemical Abstract Sevice, Columbus, Ohio, 2000; 16; 1527-1528.	

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